



Meeting Minutes

Granite State Airport Management Association, Inc.

Friday, March 9, 2018 10:00 AM

NH Aviation Historical Society Museum, 27 Navigator Road, Londonderry, NH

Members Present:

Martha Drukker (KCON)	Ross Tsantoulis PE (Dubois&King)
David Rolla (KCON)	Bruce Cultrera (Seacoast Helicopters)
Andrew Pomeroy (KPSM/KDAW)	Matt Caron (Gale Associates)
Dennis Cunningham (5B9)	Christopher Willenborg (ASG)
Jack Wozmak, (KEEN)	Katie Hogue (Stantec)
Heath Marsden, (2B3/Jacobs)	Lorri Badolaato (PlaneSense)
Carol Niewola (NHDOT/Aero)	Jean Monngillo (Hoyle,Tanner Associates)
Jessica Paoathan (NHAHS)	Fran Weaver (Hoyle, Tanner Associates)
Patrick Herlihy (NHDOT/Aero)	Rita Hunt (ArgenTeck Solutions)
Harvey Sawyer (KAFN)	Nikolas Ippolito (Gale Associates)
Lee Sawyer (KAFN)	Edward Glidden
Tricia Lambert (NHDOT/Aero)	Rick Kloeppe (2B3)
Stephen Bourque (McFarland-Johnson)	Joshua Cobb (<i>New GSAMA member</i>)
David Plantier (Air Direct Airways)	Neil Everett Capano (Yonder West Aero)
Mary Beth Merritt (KLEB)	
James Smith (SNHU)	

1. Call to Order:

Martha Drukker gave call to Order at 10:05 AM. She reminded everyone to make sure they sign in for today's meeting to update and reorganize the membership list.

2. Welcome Statement by Jessica Pattathan, Executive Director

Martha introduced Jessica Pattathan the new Executive Director of the Aviation Museum of New Hampshire replacing Wendell Berthelsen who retired March 6, 2018.

Jessica Pappathan spoke on many topics: The museums' Mission , "Is to Preserve New Hampshire Aviation History and to Educate"

- GSAMA has been very supportive to the Museum
- The museum is a non-profit organization
- It operates on grants, private donations with no public funding
- The museum offers a high school (Juniors & Seniors) course on aviation education (year long twice a week and are exposed to the many careers in aviation with hands-on projects, research, field trips, and guest speakers. Because of the donations, the Museum offers this program at no cost.
- They offer a 1 hour physics of flight program to K-8 students with demonstrations at no cost.

- The following events are posted on their website: <https://www.nhahs.org/events>
 - March 22, 2018, a beer tasting day (Fund raising for the Museum)
 - April 14, 2018, a talk on “911 Clearing the Skies an Air Traffic Control Perspective” guest speaker Robert K Jones. Limited seating at 80. Taking reservation for this event.
 - May 12, 2018, Rita Hunt will be giving a speech on Drones.
 - June 9, 2018, BBQ & Fly-in at Nashua Airport at 11:00 AM
 - July 14, 2018, Car Show 10:00 -2:00
 - August 11, 2018, Aircraft Fly-In and Young Eagles flights for children

3. Approval of Minutes:

A motion was made by David Rolla to approve the December 8, 2017 minutes as presented – as a draft by Dennis Cunningham – and seconded by Andrew Pomeroy. All in favor, passed unanimously.

4. Approval of Treasurer’s Report by Andrew Pomeroy Treasurer’s Report:

Current Account Balance:	\$25,096.98
Outstanding Obligations:	0
Available Balance:	<u>\$25,096.98</u>

2018 Membership Collected:	\$1,275.00
(27 out of 64 invoices)	

2017 Events

Pilots and Drivers Golf:	\$17,554.00
Expenses:	\$ 8,141.78
Total:	\$ 9,412.22

5K Aviation Day:	\$10,502.00
Expenses:	\$ 7,450.85
Total:	<u>\$ 3,051.15</u>

Events Total:	\$12,463.37
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75% = \$9,347.52

25%= \$3,115.84

Balance after payout (DOT & STEM): \$12,633.61

A motion was made by Dennis Cunningham to accept the treasurer’s report and seconded by David Rolla. All in favor, passed unanimously.

5. Presentations:

- a. **Runway Skid Resistance Methods** by Nik Ippolito. His PowerPoint presentation was to provide airport managers and airport commissions and authorities information to help them make a determination of whether or not installing a grove runway surface is the right application for their airport.
 - i. FAA recommends that airports serving or expected to serve aircraft approach speeds higher than 120 knots to install grove runway surfaces to assist in braking control during wet and contaminated runway conditions.

- ii. Nik discussed three types of hydroplaning
 1. **Dynamic hydroplaning** happens when water lifts your wheels off the runway. This usually happens when a wedge of water builds up in front of your tires and lifts them off the runway. When it happens, you're literally riding on water. And that's not good, because you don't have traction or braking.
 2. **Viscous Hydroplaning** is when oil or accumulated rubber combines with water on a runway, it can form an impenetrable layer of liquid your tires can't break through. This is especially problematic on smooth asphalt runways.
 3. **Reverted rubber hydroplaning** happens when your tires lock up, the rubber begins to melt, and trapped water under the tire turns into steam. *When it happens, you're riding on steam, and melting your tires in the process.*

- iii. There are other factors that influence braking performance.
 - Surface of the asphalt:
 - Density graded
 - Open graded
 - Slush covered surfaces
 - Concrete (rubber contamination)

- iv. A Study at Ronald Reagan Airport in DC was taken.
 - GA pilots landing on a grove surface (a dull grey) reported less glare.
 - Able to accurately gage distances and increase their peripheral view in the cockpit because of less glare from the ground surfaces.

- v. If airports are considering applying a grooved surface, there are a couple of things you need to know beforehand.
 - It is recommended to have groves installed within the first few years of paving.
 - Surface cracks or vegetation growing should be taken of prior to grooving.
 - FAA also recommends if the surface coarse has an aggregate size greater than 3/8 inch not to install the grove because that can result in aggregate breaking free of the surface.
 - Weather has to be taken into account. Grooving cannot be performed in temperatures below freezing temps. (Powerpoint Picture)

- vi. Photos were shown of different grooved runway conditions and solutions to repair

b. Aeronautics & Aviation Degrees at SNHU by David Plantier and Ambassador James Smith
 Jim Smith, Ambassador and executive vice president of SNHU's College of Engineering, Technology and Aeronauts, said that the new SNHU property in Nashua would be a big boost to the school's growing aviation and engineering programs. According to him, the nation will need an additional 100,000 to 125,000 pilots within the next two decades. The first class will start flying in the summer of 2018, and 15 people have already expressed interest. What they are trying to do is to drive the cost down. The tuition would be paid once. With an early certification a student would have 3 years to build flying time. Jim forecasted that the full cost of the program would be at half the cost of Embry-Riddle's fees.

Dave Plantier is the chief flight instructor at Air Direct Airways on Boire Field. Air Direct Airways Flight Academy, which operates at the Nashua Airport on Perimeter Road, is partnering with Southern New Hampshire University to create a new program in which young people who may not typically be able to afford to fly can pursue careers in aeronautics. By purchasing the aviation operations of the former DWC (Daniel Webster College), SNHU has

been able to develop a model that university officials describe as cost-effective. It also fits into a four-year curriculum to offer a Bachelor of Science degree in aviation science, with a certification as a certified flight instructor. A maximum of 30 students will be enrolled in the new program this year, and the students will have the opportunity to fly twice a day.

c. Aviation Technology Degrees at GBCC by Bruce Cultrera

Bruce Cultrera has been involved in aviation his whole life. He is both a fixed wing and Helicopter pilot. Seacoast Helicopters has worked with Great Bay Community College, located on the Pease International Tradeport just down the street from his office, to create a helicopter pilot training program that took 18 months to put together. He has both a 141 certificate and 135 certificates. They provide a 2-year associate degree in the helicopter program. Bruce's advice to anyone thinking about an aviation business is that most businesses fail because they didn't plan enough."

6. Old Business

a. Events Committee Update: Nik Ippoolito/Martha Drukker

- i. Concord Airport Aviation Day and Runway 5K....A decision was made by the events committee to separate the two events (5K and the Golf Tournament). The Aviation Day/5K day would have outside assistance to operate the event. There would be a transition plan from GSAMA to a third party to operate this event. It is the 5K that takes up a lot of time and commitment. The Concord Advisory committee wants to keep the event because it brings in a lot of interest.
- ii. "Pilots and Drivers" Golf Tournament Update....Nik has reached out to the Manchester Harley Davidson dealership as a new contact for the event. Have not set up a final date in September at the Portsmouth airport. Reach out to your FBO's to sign up for the tournament. We need golfers.

b. Legislative Committee Update (HB124) Tricia Lambert.... Referred to House Ways and Means Committee. This bill repeals aircraft registration fees under RSA 422:31, I-II (\$48/\$63 per aircraft for resident/non-residents) and replaces the existing aircraft operating fee, which is comprised of a portion based on aircraft weight and a mil rate calculation portion based on the age and list price of the aircraft, with a tiered fee based upon the aircraft's weight. Under current law registration fee revenue is credited to the State General Fund and aircraft operating fee revenue is allocated as ¾ to the State General Fund and ¼ distributed to the public-use airport where the aircraft is based (nearly all of these payments are to municipalities). This bill sets the amount to be distributed to airports at **\$250,000 per year** and the remainder would be credited to the State General Fund. As this bill's impact on aircraft registrations is indeterminable, so is its impact on state and local revenue. Reporting by Airport. The owner of each airport open for public use shall submit to the department quarterly a list of all aircraft, including the federal registration number for each aircraft, which are based at that airport. SB 565 Referred to Senate Finance Committee and does not include fuel fees.

7. Airport Grant Program Update by NHDOT and FAA: Carol Niewola DOT with (*Excerpts from DOT handout below*)

- Airport Approach Plans and Zoning Ordinance – NHDOT has recently completed a project with Jacobs to help airports and communities protect airspace above airports in New Hampshire.
- New Publications
 - ✓ FAA AC 150/5340-30J....Design/Installation Details for Airport Visual Aids

- ✓ FAA AC 150/5370-2G....Operational Safety on Airports During Construction
- ✓ FAA Engineering Brief No 98.....IR Specs for Aviation Obstruction Light Compatibility
- ✓ FAA Required Federal Contract Provisions....Updated December 12, 2018
- ✓ NH Draft Wetland Administrative Rules....Deadline for comment is April 20, 2018
- Grant Program Status
 - State-Local Grant Program...Planning is under way to develop program using aviation fuel tax (airway toll) collections.
 - Aircraft Operating Fee (AOF) Returns....Disbursements for CY 2017 anticipated June 2018
- Aeronautical Special Fund Current Balance is \$5,729.00

8. Airport News Update:

- A handout was available to all attendees regarding a status report on Airport Projects

9. New Business:

a. HR 2997, Air Traffic Privatization. Measure not likely to move forward due to lack of support in Congress.

b. Vote for CY 2018 GSAMA President and Vice President. Martha asked the membership to think about filling these positions. She has been the acting president for sometime and has been short staffed in her fulltime position. Martha will be reaching out to members to think about filling these positions. Andrew Pomeroy pointed out that we could use an email ballot to vote on these positions.

Martha brought up the Laconia ACE camp, part of the STEM 75% contribution that the organization has been donating to. A motion was made by David Rolla to contribute \$2,000 to the Laconia ACE camp and seconded by Dennis Cunningham. These proceeds came out of last year's events.

c. Update of website has been accomplished by Steve Bourque

10. Next Meeting: Friday, June 8, 2018 at location TBD at 11:00AM. Martha mentioned that we have not been to the North Country for a meeting and would consider Berlin or Mt. Washington Regional Airports as possible meeting sites.

11. Adjournment: A motion to adjourn was made by David Rolla and seconded by Andrew Pomeroy at 12:15PM

Respectfully submitted,

ORIGINALLY SIGNED BY

Dennis Cunningham
GSAMA Secretary